Due Date: March 31, 2008

Date Submitted: November 22, 2008

Ricardo B. Jacquez 4185 Sotol Dr. Las Cruces, NM 88011 505-522-8393

Ms. Kimberley Kirby Environmental Scientist NMED Ground Water Quality Bureau 5500 San Antonio Dr., NE Albuquerque, NM 87109

Dear Ms. Kirby:

This correspondence addresses reporting of monitoring required for compliance with permit conditions for Las Uvas Valley Dairy, DP-342 and DP-967. The specific components of the monitoring report are described in subsequent sections of this letter.

Monitoring Report - First Quarter 2008

This monitoring report covers the time period 12/1/07 through 2/29/08. The information contained in this report includes:

- LADS, wastewater discharged to the land application area (Field #25),
- Wash water meter records, and volume of wash water discharged to the lagoon systems,
- Soil analysis (Field #25), and
- Monitoring well sample analyses.

LADS, Wastewater Discharged to Land Application Area

During December 2007 to February 2008, 21,646,100 gallons of wastewater (9,315,100 gallons from the LUV-6 Lagoon and 12,331,000 gallons from the Central Lagoon) and 18,835,700 gallons of freshwater were discharged to Field 25. Field 2 has an area of 165 acres. A summary of the records documenting the waters discharged to this field is enclosed with this letter.

The nitrogen content of the wastewater from the Central Lagoon and LUV-6 Lagoon are 267 mg/L and 464 mg/L, respectively (see enclosed lab analysis). The total nitrogen applied to the land application area is 63,505 lbs. The nitrogen application rate for this field is 385 lb N/acre. Field 25 is planted in triticale and was not harvested during the time period of this report. A summary of the LADS report is presented below.

DP-342

A & L PLAINS AGRICULTURAL LABORATORIES, INC.

302 34th St. • P.O. Box 1590 • Lubbock, TX 79408 • (806) 763-4278 FAX (806) 763-2762 • www.al-labs-plains.com

REPORT NUMBER

08-050-301

Date of Report: Page

2/22/2008



Sent To: H

Helena Chemical P.O. Box 629 Mesquite, NM 88048

Las Uvas Dairy

Effluent Report

					ź	
Hd		8.1	8.0			
Ë.C.	mmhos/cm	6.49	5.32			
Zinc Zn	mdd	~	2			
Mar	mdd	0	0			
lron Fe	mdd	9	0			
O	mdd	0	0			
Total Nitrogen	mdd	464	267			
Potassium Phosphorus K P	mdd	190	110			
Potassium K	ppm	700	200			
Magnesium Mg	ppm	100	100			
Calcium Ca	ppm	300	100			
Sulfur S	mdd	300	100			
Sodium	mdd	008	009	 		
Lab No. Sample Iden. Sodium Sulfur Calcium Magnesium		F-9AN7	Lagoon #3	 		
Lab No:		50263	56264			

Respectfully submitted,

Jami Brown

A&L Plains Ag Labs, Inc.

This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing. Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020-,1983

Due: April 1, 2009

Submitted: September 28, 2009

Ricardo B. Jacquez 4185 Sotol Dr. Las Cruces, NM 88011 505-522-8393

Ms. Kimberley Kirby Environmental Scientist NMED Ground Water Quality Bureau 5500 San Antonio Dr., NE Albuquerque, NM 87109

Dear Ms. Kirby:

This correspondence addresses reporting of monitoring required for compliance with permit conditions for Las Uvas Valley Dairy, DP-342 and DP-967. The specific components of the monitoring report are described in subsequent sections of this letter.

Monitoring Report – First Quarter 2009

This quarterly report covers the time period 12/1/08 through 2/28/09. The information contained in this report includes:

- Wash water meter records, and volume of wash water discharged to the lagoon systems,
- Land application of wastewater,
- Soil analysis, and
- Monitoring well sample analyses.

Wash Water Meter Records and Volume of Wash Water Discharge

Copies of the wash water meter records for the time period of this report are enclosed. The records are summarized in two categories: Wash Pen/Sprinkler Wash Water and Dairy/Equipment Wash Water. The wash water discharged to the individual lagoon systems is summarized below:

- Central Lagoon: total discharge = 15,731,090 gal
 - Wash Pen/Sprinkler = 7,460,570 gal
 - Dairy/Equipment = 8,270,520 gal
- LUV-6 Lagoons: total discharge = 6,136100 gal
 - Wash Pen/Sprinkler = 1,324,900 gal

10:53 FAX £708/2009

A. E. PLAINS AGRICULTURAL LABORATORNES, 1845. 302 34th St. - P.O. Box 1590 - Lubbock, TX 79408 - (806) 753-4276

FAX (806) 763-2762 * vrvret.sf-lebs-plains.com

Date of Report Page

09-117-301

PEPONT NUMBER

May 6, 2009

Submilled by:

Customer. Las Uvas Dairy

Meaquite, Med BROAS

Helena Chemical

Sent To:

P.O. Bost 6239

Efficant Report

Late No: Serapte 16. Southum Sethur Caldium ppm ppm ppm ppm ppm ppm ppm sales sees 170 200 54850 Lovée 898 140 300	Alagnesium Polassium Phoaphorus						
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Responding submitted,

JOHN BEET ASL Pising Ag Labe, Inc.

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202-333-5580

02/00/2000 76:60

Sample I.D. AC23977

Sample Description:

Well #2

Sample collection date:

07/18/09

Submittal date:

07/20/09

Request ID No.

WSS# Sample Purpose:

Compliance

Sample collection time:

Submittal time:

09:20 10:23

Collector: BRADY

Sampling Information: Grab 1st of 4

arkat wo

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer	4500CI-D	91.8	mg/L	0.5	07/29/09	CAW
Total Dissolved Solids	SM 2540C	2985	mg/L	27	07/23/09	BJH
Nitrate/nitrite as N	353.2	0.03	mg/L	0.02	07/27/09	CAW
Water Kjeldahl Nitrogen	351.2	Below Detect L	mg/L	0.3	07/22/09	CAW

Sample I.D. AC23978

Sample Description:

Well #1

Sample collection date:

07/18/09 07/20/09 Sample collection time:

10:35

Submittal date:

WSS#

Request ID No.

Submittal time: Collector: BRADY

10:23

Sample Purpose:

Compliance

Sampling Information:

Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer Total Dissolved Solids Nitrate/nitrite as N Water Kjeldahl Nitrogen	4500Cl-D	45.8	mg/L	0.5	07/29/09	CAW
	SM 2540C	1219	mg/L	27	07/23/09	BJH
	353.2	0.10	mg/L	0.02	07/27/09	CAW
	351.2	Below Detect L	mg/L	0.3	07/22/09	CAW

Sample I.D. AC23979

Sample Description:

Well #6

Sample collection date:

07/18/09 07/20/09 Sample collection time:

11:40

Submittal date:

WSS#

Request ID No.

Submittal time:

10:23 Collector: BRADY

Sample Purpose:

Compliance

Sampling Information:

Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer Total Dissolved Solids Nitrate/nitrite as N Water Kjeldahl Nitrogen	4500Cl-D	45.8	mg/L	0.5	07/29/09	CAW
	SM 2540C	357	mg/L	27	07/23/09	BJH
	353.2	2.37	mg/L	0.02	07/27/09	CAW
	351.2	0.34	mg/L	0.3	07/22/09	CAW

Sample I.D. AC23980

Sample Description:

Well #5

Sample collection date:

07/18/09

Sample collection time:

13:15

Submittal date:

07/20/09

Submittal time:

10:23

WSS#

Request ID No.

Collector: BRADY

Sample Purpose:

Compliance

Sampling Information:

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer	4500CI-D	109.2	mg/L	0.5	07/29/09	CAW
Total Dissolved Solids	SM 2540C	1431	mg/L	27	07/23/09	BJH
Nitrate/nitrite as N	353.2	0.99	mg/L	0.02	07/27/09	CAW
Water Kjeldahl Nitrogen	351.2	0.62	mg/L	0.3	07/22/09	CAW

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Please advise should you have questions concerning these data.

575) 646 4422

Page Report #

Sample I.D. AC20451

Sample Description:

LUV 1

Sample collection date:

04/15/09

Sample collection time:

Submittal time:

09:20

Submittal date:

04/15/09

14:46

WSS#

Request ID No.

Collector: BRADY

Sample Purpose:

Compliance

Sampling Information:

	Method	Result	Units	MDL	Date of	Analyst
Element					Analysis	•
Chloride by Autoanalyzer	4500-CI_D	44.7	mg/L	0.5	04/21/09	CAW
Total Dissolved Solids	SM 2540C	1234	mg/L	27	04/22/09	ВЈН
Nitrate/nitrite as N	353.2	0.61	mg/L	0.02	04/20/09	CAW
Water Kjeldahl Nitrogen	351.2	0.5	mg/L	0.3	04/21/09	CAW

Sample I.D. AC20452

Sample Description:

LUV 6

Sample collection date:

04/15/09

Sample collection time: Submittal time:

10:30

04/15/09

14:46 Collector: BRADY

WSS# Sample Purpose:

Submittal date:

Request ID No. Compliance

Sampling Information:

Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer	4500-CI D	47.9	mg/L	0.5	04/21/09	CAW
Total Dissolved Solids	SM 2540C	379	mg/L	27	04/22/09	BJH
Nitrate/nitrite as N	353.2	-2.43	mg/L		04/20/09	CAW
Water Kjeldahl Nitrogen	351.2	0.6	mg/L	0.3	04/21/09	CAW

Sample I.D. AC20453

Sample Description:

Sample collection date:

LUV 5

04/15/09

Sample collection time:

11:20

Submittal date:

04/15/09

Submittal time:

14:46

WSS#

Request ID No.

Collector: BRADY

Compliance

Sampling Information:

Grab

	Method	Result	Units	MDL	Date of	Analyst
Element					Analysis	
Chloride by Autoanalyzer	4500-Cl D	99.1	mg/L	0.5	04/21/09	CAW
Total Dissolved Solids	SM 2540C	2952	mg/L	27	04/22/09	BJH
Nitrate/nitrite as N	353.2	Not detected	mg/L	0.02	04/20/09	CAW
Water Kjeldahl Nitrogen	351.2	0.5	mg/L	0.3	04/21/09	CAW

AC20454 Sample I.D.

> LUV 2 Sample Description:

Sample collection date: 04/15/09

Submittal date:

04/15/09

12:30 Sample collection time:

Submittal time:

14:46

WSS#

Request ID No.

Collector: BRADY

Sample Purpose:

Compliance

Sampling Information:

77 4	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer Total Dissolved Solids Nitrate/nitrite as N Water Kjeldahl Nitrogen	4500-CI_D	120.8	mg/L	0.5	04/21/09	CAW
	SM 2540C	1417	mg/L	27	04/22/09	BJH
	353.2	0.98	mg/L	0.02	04/20/09	CAW
	351.2	1.3	mg/L	0.3	04/21/09	CAW

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Please advise should you have questions concerning these data.

Respectfully/submitted,

PAGE.

Soil Water and Agricultural Testing Lab

New Mexico State University

BOX 30003

Las Cruces, NM 88003

of Page 1 Report #090(20090)

01/20/09 Date:

ANALYTICAL REPORT

To: Big River

Holly Williams

P.O. Box 165

87936 Garfield, NM

267-4992

Purchase Order #

Below are the results for submitted sample(s).

(MDL=Method detection limit)

AC17272 Sample L.D.

> Sample Description: Sample collection date:

Luv #1

01/06/09

Sample collection time:

09:30

01/07/09

Submittal time:

11:13

Submittal date: WSS#

Request ID No.

Collector: BRADY WILLIA

Compliance Sample Purpose:

Sampling Information: Grab

	Method	Result	Units	MDL	Date of Analysis	Analyst
Element Chloride by Autoanalyzer Total Dissolved Solids Nitrate/nitrite as N Water Kjeldahl Nitrogen	4500-C1_D	46.8	mg/L	0.5	01/15/09	CAW
	SM 2540C	1216	mg/L	27	01/14/09	BJH
	353.2	0.07	mg/L	0.02	01/09/09	CAW
	351.2	0.34	mg/L	0.3	01/13/09	CAW

Sample I.D. AC17273

Sample Description:

Sample collection date:

01/06/09

Luv #2

01/07/09

Sample collection time:

15:22

11:13 Submittal time:

Submittal date: WSS#

Request ID No.

Collector: BRADY WILLIA

Sample Purpose:

Compliance

Sampling Information:

	Method	Result	Units	MDL	Analysis	Analyst
Element Chloride by Autoanalyzer Total Dissolved Solids Nitrate/nitrite as N Water Kjeldahl Nitrogen	4500-Cl_D	113.3	mg/L	0.5	01/15/09	CAW
	SM 2540C	1374	mg/L	27	01/14/09	BJH
	353.2	0.58	mg/L	0.02	01/09/09	CAW
	351.2	1.19	mg/L	0.3	01/13/09	CAW

Report #0901200901

AC17274 Sample I.D.

Sample Description:

Luv #3

01/06/09 Sample collection date:

Submittal date:

Sample Purpose:

01/07/09

Sample collection time:

Submittal time:

14:10 11:13

Request ID No. WSS#

Compliance

Collector: BRADY WILLIA

Sampling Information: Grab

	Method	Result	Units	MDL	Date of Analysis	Analyst
Element Chioride by Autoanalyzer Total Dissolved Solids Nitrate/nitrite as N	4500-Cl_D	137.0	mg/L	0.5	01/15/09	CAW
	SM 2540C	1233	mg/L	27	01/14/09	BJH
	353.2	6.33	mg/L	0.02	01/09/09	CAW
	351.2	0.50	mg/L	0.3	01/13/09	CAW

Water Kjeldahl Nitrogen Sample L.D. AC17275

Sample Description: Sample collection date: Luv #4

01/06/09 01/07/09 Sample collection time: Submittal time:

11:43 11:13

Submittal date:

Request ID No.

Collector: BRADY WILLIA

W5\$# Sample Purpose:

Compliance

Sampling Information:

Grab

	Method	Result	Units	MDL	Date of Analysis	Analyst
Element Chloride by Autoanalyzer Total Dissolved Solids Nitrate/nitrite as N Water Kjeldahl Nitrogen	4500-CL_D SM 2540C 353.2 351.2	99.3 1266 2.22 0.42	mg/L mg/L mg/L mg/L	0.5 27 0.02 0.3	01/15/09 01/14/09 01/09/09 01/13/09	CAW BJH CAW

AC17276 Saraple I.D.

Sample Description: Sample collection date: Luv #5 01/06/09

Sample collection time:

12:50

Submittal date:

Sample Purpose:

01/07/09

11:13 Submittal time: Collector: BRADY WILLIA

WSS#

Request ID No. Compliance

Grab Sampling Information:

	Method	Result	Units	MDL	Date of Analysis	Analyst
Element Chloride by Autoanalyzer Total Dissolved Solids Nitrate/nitrite as N Water Kjeldahl Nitrogen	4500-CL_D	93,0	my/L	0.5	01/15/09	CAW
	SM 2540C	3000	mg/L	27	01/14/09	BJH
	353.2	0.02	mg/L	0.02	01/09/09	CAW
	351.2	0,37	mg/L	0.3	01/13/09	CAW

AC17277 Sample LD.

Sample Description:

Luv #6 = mw-6

17-wm 3

Sample collection time:

10:35 11:13

Sample collection date: Submittal date:

01/06/09 01/07/09

Submittal time:

WSS#

Request ID No.

Collector: BRADY WILLIA

Sample Purpose:

Compliance

Sampling Information:

Grab

	Method	Result	Units	MDL	Date of Analysis	Analyst
Element Chloride by Autoanalyzer Total Dissolved Solids Nitrate/nitrite as N Water Kjeldehl Nitrogen	4500-CI_D	50.0	mg/L	0.5	01/15/09	CAW
	SM 2540C	352	mg/L	27	01/14/09	BJH
	353.2	2.47	mg/L,	0.02	01/09/09	CAW
	351.2	0.35	mg/L,	0.3	01/13/09	CAW

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Please advise should you have questions concerning these data.

Respectfully submitted,

Manager

T esting Lab tural w Mexico State University

Page 1 Report # 0810081025

BOX 30003 Las Cruces, NM 88003 (505)646-4422

Date: 10/08/08

ANALYTICAL REPORT

4th of 4

To: Big River

575-267-4992

GW DATA

Attn: Holly Williams

PO Box 165

Garfield, NM 87936

Purchase Order #

Below are the results for submitted sample(s).

(MDL=Method detection limit)

Sample I.D. AC14199

Sample Description:

#1 LUV

Sample collection date:

09/17/08

Sample collection time:

15:00

Submittal date:

09/18/08

Submittal time:

10:58

WSS#

Request ID No.

Collector: BRADY

Sample Purpose:

Compliance

Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer	4500-Cl_D	48.5	mg/L	0.5	09/24/08	CAW
Total Dissolved Solids	SM 2540C	1244	mg/L	27	10/01/08	ВЈН
Nitrate/nitrite as N	353.2	0.06	mg/L	0.02	10/02/08	CAW
Water Kjeldahl Nitrogen	351.2	0.6	mg/L	0.3	09/30/08	CAW

Sample I.D. AC14200

Sample Description:

#6 LUV mw-le

Sample collection date:

09/17/08

Sample collection time:

Submittal time:

16:09 10:58

Submittal date: WSS#

09/18/08 Request ID No.

Collector: BRADY

Compliance

Sample Purpose:

Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer	4500-CI_D	50.3	mg/L	0.5	09/24/08	CAW
Total Dissolved Solids	SM 2540C	371	mg/L	27	10/01/08	BJH
Nitrate/nitrite as N	353.2	2.31	mg/L	0.02	10/02/08	CAW
Water Kjeldahl Nitrogen	351.2	0.5	mg/L	0.3	09/30/08	CAW

Page 2 of 2 Report # 08 100 810 25

Sample I.D. AC14201

Sample Description:

#2 LUV

Sample collection date: 09/17/08

Sample collection time:

17:20

Submittal date:

09/18/08

Submittal time:

10:58

WSS#

Request ID No.

Collector: BRADY

Sample Purpose:

Compliance

Sampling Information:

Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer	4500-CI_D	120.1	mg/L	0.5	09/24/08	CAW
Total Dissolved Solids	SM 2540C	1362	mg/L	27	10/01/08	вјн
Nitrate/nitrite as N	353.2	0.02	mg/L	0.02	10/02/08	CAW
Water Kjeldahl Nitrogen	351.2	0.8	mg/L	0.3	09/30/08	CAW
Sample I.D. AC14202	-					
Sample Description:	#5 LUV					
Sample collection date:	09/17/08	Samp	le collection time	e: 18:30)	
Submittal date:	09/18/08	Subm	ittal time:	10:58	3	
WSS# Re	quest ID No.		Collector:	BRAD	ď	
Sample Purpose: C	Compliance	Samplin	g Information:	Grab		

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer	4500-C1_D	94.4	mg/L	0.5	09/24/08	CAW
Total Dissolved Solids	SM 2540C	3034	mg/L	27	10/01/08	BJH
Nitrate/nitrite as N	353.2	Not detected	mg/L	0.02	10/02/08	CAW
Water Kjeldahl Nitrogen	351.2	0.3	mg/L	0.3	09/30/08	CAW

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you have questions concerning these data. fully submitted,

Manager

505)646-4422

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Nov-07

CLIENT:

Gordon Environmental, Inc.

Lab Order:

0710532

Project:

Las Uvas Dairies

Lab ID:

0710532-01

Client Sample ID: Tl-Las Uvas

Collection Date: 10/27/2007 4:00:00 PM

Date Received: 10/29/2007

Matrix: AQUEOUS

Analyses	Result	PQL (Qual Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: KS
Chloride	57	1.0	mg/L	10	10/29/2007 3:48:17 PM
Nitrogen, Nitrate (As N)	2.8	0.10	mg/L	1	10/29/2007 3:30:52 PM
Sulfate	39	0.50	mg/L	1	10/29/2007 3:30:52 PM
SM 2320C: ALKALINITY					Analyst: LMM
Alkalinity, Total (As CaCO3)	170	20	mg/L CaCO3	1	10/31/2007
Carbonate	ND	2.0	mg/L CaCO3	1	10/31/2007
Bicarbonate	170	20	mg/L CaCO3	1	10/31/2007
SM 4500-NH3: AMMONIA					Analyst: TAF
Ammonia	ND	0.50	mg/L	1	11/7/2007
SM 2540C: TDS					Analyst: TAF
Total Dissolved Solids	450	20	mg/L	1	10/31/2007
SM4500-NORG C: TKN					Analyst: TAF
Nitrogen, Kjeldahl, Total	ND	1.0	mg/L	1	11/5/2007

4:9hebt NO3.1) Reported MW-T1 = MW-6

No upq. mw

DP. 342

LUV DAVILS

Qualifiers:

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
 - Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Page 1 of 1